

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	"4417196"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/08 11:07
L2	5	11 and data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/09/08 11:07
S1	37707	plug same (program\$5 or microcontrol\$3 or microprocessor or microcomputer or processor or microprogram\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:14
S2	1056311	(ac or alternat\$3 near4 current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:15
S3	6327	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:15
S4	3840	315/291.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:16
S5	2541	315/307.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:16
S6	35	439/620.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:17
S7	241	439/620.21.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:17

S8	246	439/646.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:17
S9	179	439/949.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:17
S10	290	361/601.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:18
S11	144	361/636.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:18
S15	2388	S3 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 21:29
S16	30	plug same (program\$5 or microcontrol\$3 or microprocessor or microcomputer or processor or microprogram\$3) and (static or electrostatic) with diode\$1 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/08 23:03
S17	139871	(adapt\$3 or plug) with (microcontrol\$3 or microcomputer or processor or microprocessor or microprogram\$4 or program \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 13:02
S18	19	David near10 Nemir.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 13:08
S19	2	S18 and plug same (program \$5 or microcontrol\$3 or microprocessor or microcomputer or processor or microprogram\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 13:17
S21	920	(CMOS near4 IC or CMOS near4 integrated near4 circuit) with diode\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:15

S22	264	(DC or direct near4 current) and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:16
S23	57	S22 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:17
S24	298	S21 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:26
S25	9	S24 and "I1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:26
S26	56	S24 and (plug or adapt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:28
S27	20748	S17 and plug same (program \$5 or microcontrol\$3 or microprocessor or microcomputer or processor or microprogram\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:34
S28	37	"I1" and S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:34
S29	378	S21 and (microcontrol\$3 or microcomputer or processor or microprocessor or microprogram\$4 or program \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:38
S30	46	S29 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:38
S31	5799	(EDS or electrostatic with diode\$1) with (microcontrol \$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:45

S32	4146	(EDS or electrostatic with diode\$1) near15 (microcontrol\$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:46
S33	2049	S32 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:46
S34	1171	S33 and (plug or adapt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:47
S35	2403	(EDS or electrostatic with diode\$1) near15 (microcontrol\$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3) and (plug or adapt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:48
S36	3519	(EDS or electrostatic with diode\$1)with (microcontrol \$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3) and (plug or adapt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:48
S37	1745	S36 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:48
S38	472	S37 and (DC or direct near4 current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 14:49
S39	5799	(EDS or electrostatic with diode\$1) with (microcontrol \$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:32
S40	5714	(EDS or electrostatic near10 diode\$1) with (microcontrol \$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:32

S41	33	((EDS or electrostatic near10 diode\$1) with (microcontrol \$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3) ) with plug	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:33
S42	1024	((EDS or electrostatic near10 diode\$1) with (microcontrol \$4 or microcomputer or microprocessor or processor or microprogram\$3 or program\$3) ) same ( adapt \$3 or plug)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:34
S43	762	S42 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:34
S44	4	(EDS near4 protection near4 diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:36
S45	244	electrostatic adj2 discharge adj3 protection adj3 diode\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:38
S46	1	(electrostatic adj2 discharge adj3 protection adj3 diode \$1) same microcontroller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:38
S47	5	(electrostatic adj2 discharge adj3 protection adj3 diode \$1) same ( microprocessor or processor or microcomputer or microprogram\$3 or microcontroller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:39
S48	32	(electrostatic adj2 discharge adj3 protection adj3 diode \$1) and ( microprocessor or processor or microcomputer or microprogram\$3 or microcontroller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:41
S49	9	(electrostatic adj2 discharge adj3 protection adj3 diode\$1 or ESD near4 diode\$1) with ( microprocessor or processor or microcomputer or microprogram\$3 or microcontroller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:45

S50	1	S49 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 16:45
S51	62	(electrostatic adj2 discharge adj3 protection adj3 diode\$1 or ESD near4 diode\$1) same ( microprocessor or processor or microcomputer or microprogram\$3 or microcontroller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:05
S52	35	S51 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:05
S53	232	(electrostatic with diode\$1 or ESD near4 diode\$1) same ( microprocessor or processor or microcomputer or microprogram\$3 or microcontroller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:45
S54	66	S53 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:45
S55	87191	((microcontrol\$3 or microcomputer or processor or microprocessor or microprogram\$4 or program \$4)) same (plug or adapter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:48
S56	39239	((microcontrol\$3 or microcomputer or processor or microprocessor or microprogram\$4 or program \$4))with(plug or adapter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:49
S57	17998	((microcontrol\$3 or microcomputer or processor or microprocessor or microprogram\$4 or program \$4))with(plug)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:49
S58	5089	S57 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:49
S59	5	(electrostatic adj2 discharge adj3 protection adj3 diode\$1 or ESD near4 diode\$1) and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:50

S60	5	(electrostatic adj2 discharge adj3 protection adj3 diode\$1 or ESD with diode\$1) and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:58
S61	8	(electrostatic with diode\$1 or ESD with diode\$1) and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 18:58
S62	38	"4829350"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 19:12
S63	62	(electrostatic with diode\$1 or ESD near4 diode\$1) same microcontroller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 19:16
S64	27	("3646438"   "3979601"   "4199694"   "4215277"   "4276486"   "4504778"   "4634957"   "4668877"   "4689547"   "4695739"   "4799126"   "5030890"   "5359231"   "5504394"   "5504395"   "5731664"   "5753983"   "5798581"   "5798620"   "5861720"   "5861721"   "5869954"   "5880578"   "5889369"   "5943198"   "5955847"   "RE35220").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/26 19:21
S65	7	((electrostatic with diode\$1 or ESD near4 diode\$1) with (inside or internal)) same (microcontroller or processor or microprogram\$3 or program\$3 or microprocessor or microcomputer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/26 19:30
S66	224537	plug same (control\$3 or program\$5 or microcontrol \$3 or microprocessor or microcomputer or processor or microprogram\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/12 16:42
S67	8458	plug with (inside or internal or within) near10(control\$3 or program\$5 or microcontrol \$3 or microprocessor or microcomputer or processor or microprogram\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/12 16:43

S68	4232	S67 and @pd<="19991019"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/12 16:44
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